

#### **Pike Suppression:**

Mat-Su: Alexander Creek

#### **Eradications to Date:**

Anchorage: Cheney Lake

Sand Lake

Otter Lake

Yakutat: Village Pond System

Kenai Pen.: Arc Lake

Scout Lake

Stormy Lake

Union Lake

East Mackey Lake

West Mackey Lake

Derks Lake

Sevena Lake

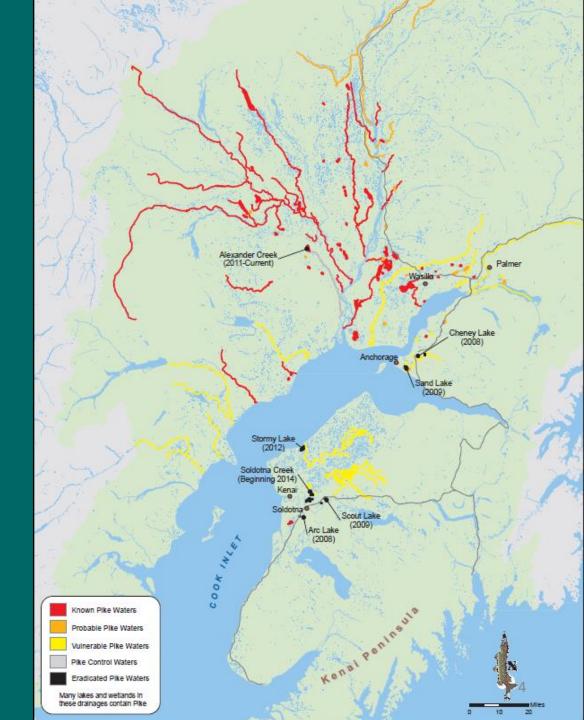
Soldotna Creek

Loon Lake

Tiny Lake

Hall Lake

Warfle's Lake



# Strategic Planning

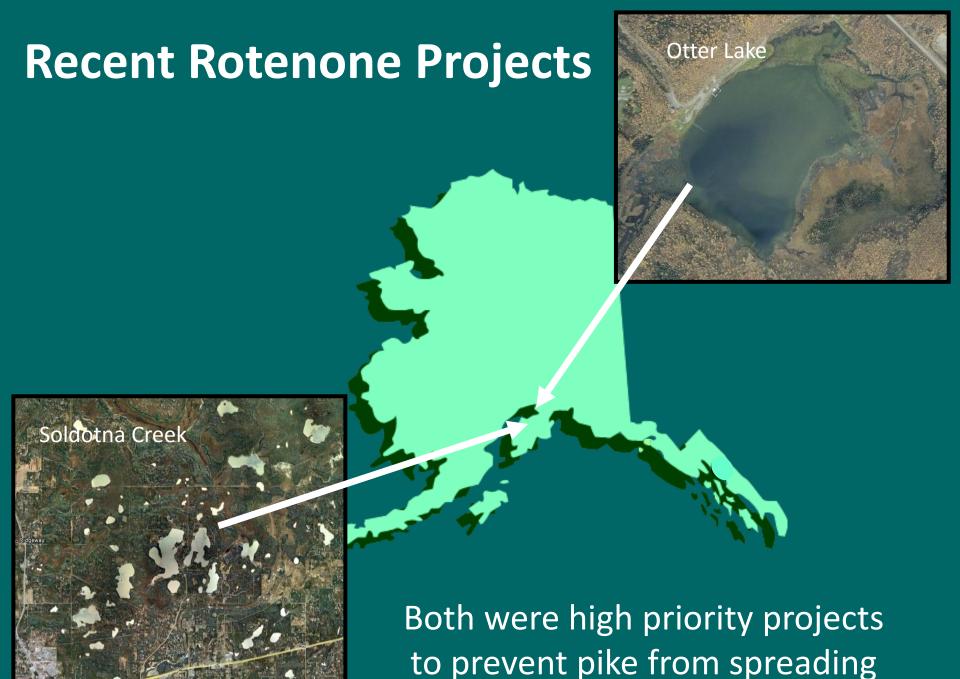
#### **Prioritization Process**

- Criteria based on:
  - Threats to fisheries
  - Habitat significance
  - Watershed characterization
  - Cultural significance
  - Economic impacts
  - Feasibility



Pike committee meets every two years to update the priority list

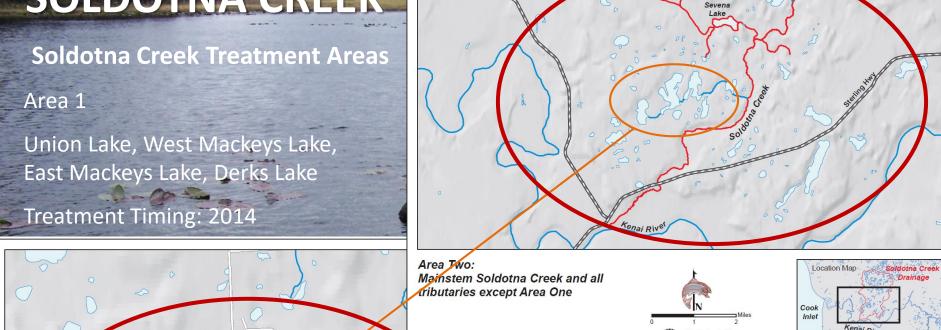


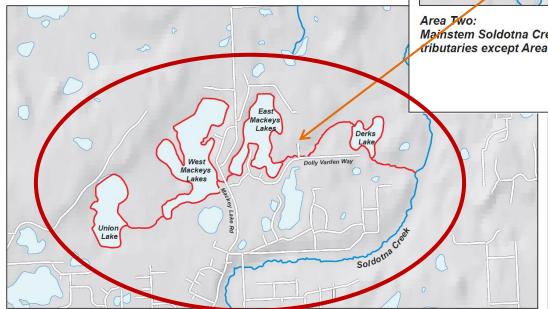






# **SOLDOTNA CREEK**





Area One: Western Branch of the Soldotna Creek Drainage





Sevena Lake, Tree Lake,
Mainstem of Soldotna Creek

Treatment Timing: 2016 and 2017

Native Fish Relocation effort from
Area 2 → Area 1 in 2015

Area 2

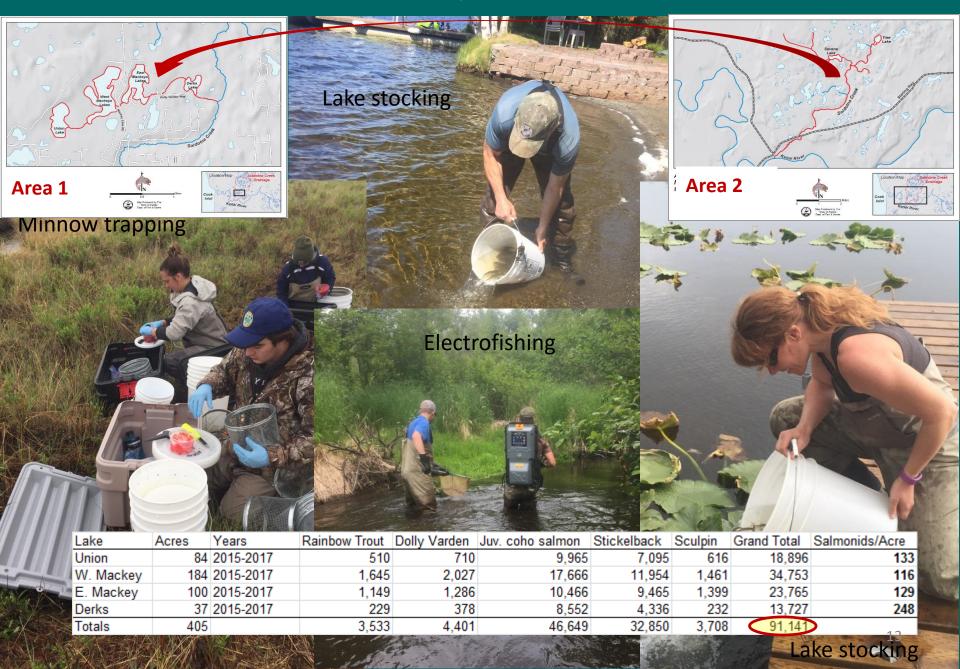




# **Post-Treatment Evaluations**



## **Native Fish Rescue/Restoration 2015-2017**



### **Remove Fish Barriers**

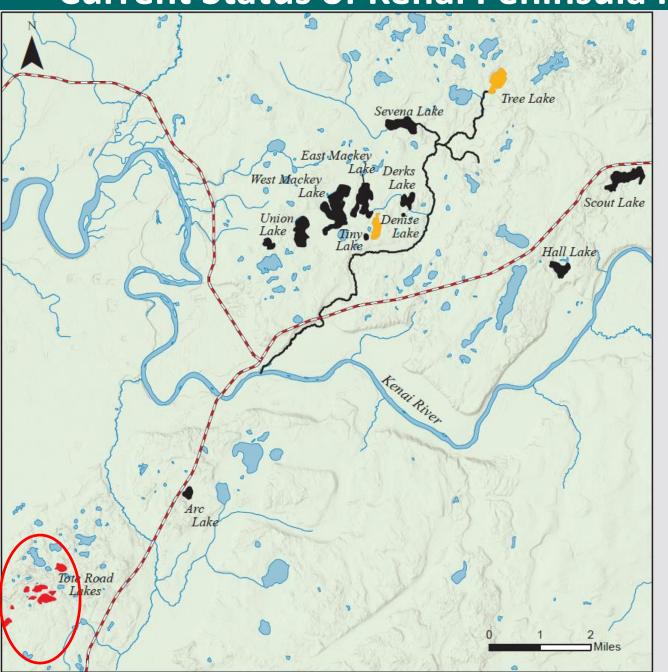




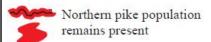


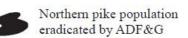
Of 8 temporary barriers, three remain but will be removed this year if no pike are detected

#### **Current Status of Kenai Peninsula Pike Waters**



Status of Kenai Peninsula waterbodies where self-sistaining populations of northern pike have occured



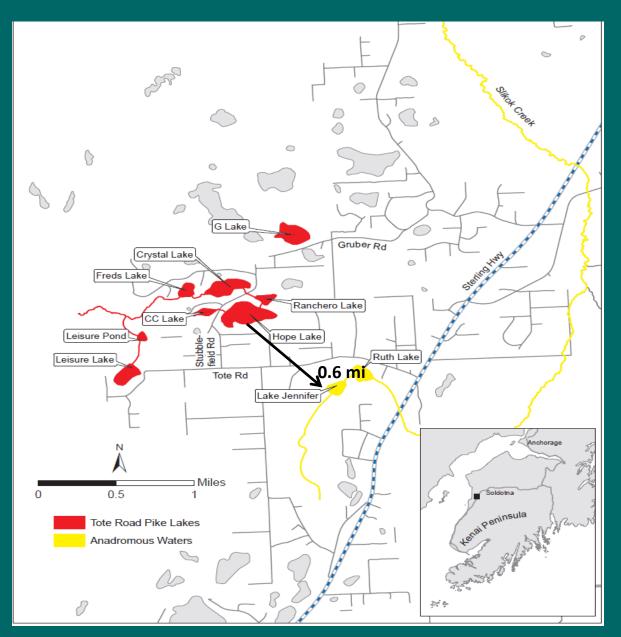


Northern pike population disappeared from an unknown cause

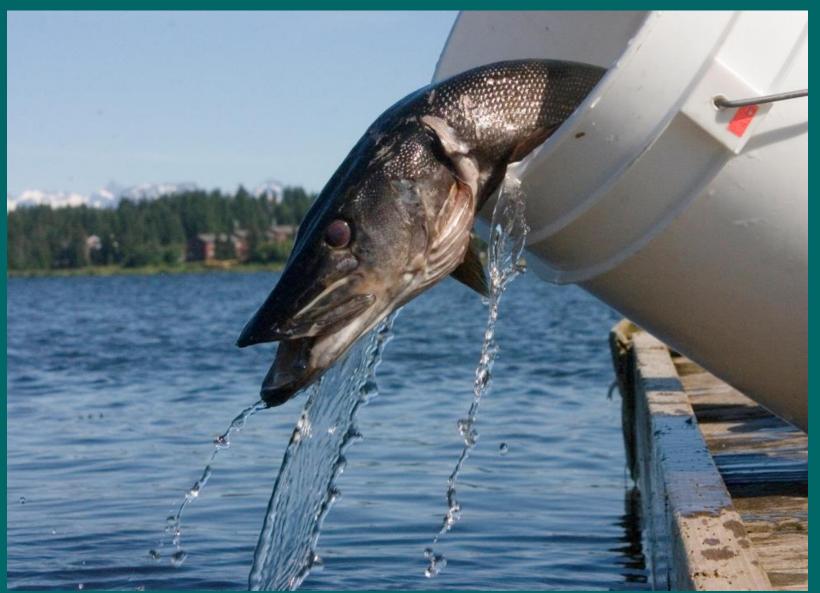




## **Tote Road Treatment Area**



# Illegal Introductions are Always a Risk



## **Upcoming Permits**

- Alaska Department of Environmental Conservation: Pesticide Use Permit (public commenting period, winter/spring 2018)
- Environmental Assessment: (review and approval done by USFWS) (public commenting period, winter/spring 2018)
- Alaska Department of Natural Resources: Special Use
   Permit
- Alaska Department of Fish and Game: Fish Transport
   Permits (for stocking)
- ADF&G Board of Fish approval (AS 16.35.200)

### **Eradication Milestone Timeline**

- Pre-TX data collection(2017/2018)
- Scoping/Permitting (winter/spring 2018)
- Alaska Board of Fisheries approval request (March 2018)
- Pre-TX fish salvage (summer/fall 2018)
- Rotenone application (October 2018)
- Post-TX fish cleanup/water monitoring (Oct. 18'-Oct. 19')
- Fish stocking (Summer 2019)





**Questions?**